

Twin State Regional Fire School

May 6-7, 2023

Blue Mountain Union School
Wells River, Vermont



TWIN STATE REGIONAL FIRE SCHOOL

46 YEARS OF TRAINING FIRST RESPONDERS

Sponsored by Twin State Mutual Aid Fire Association

MAY 6TH & MAY 7TH, 2023

Blue Mountain Union School, Wells River, VT

PRE-REGISTRATION DEADLINE APRIL 7th, 2023

TWO-DAY COURSES (May 6th and 7th)

COST \$200- UNLESS NOTED

1. ROOKIE: An Introduction to the Fire Service

Green Mountain Catamount Fire Training

This course will give new firefighters an introduction to basic skills on how to do firefighting safely. Topics covered: Orientation & History of the Fire Service, Fire Department Organization & Chain of Command, Safety & Protective Equipment, Fire Service Terminology, Chemistry of Fire & Fire Behavior, Classes of Fires & Fire Extinguishers, Orientation to Fire Apparatus, Hose & Appliances, Ground Ladders, Hand Tools, and Ropes & Knots. Firefighters should be physically able to carry out the physical rigors of firefighting.

Pre-requisites: None

Equipment needs: PPE SCBA

2. Wilderness First Aid & Rescue

Will Houghton-Mountain Medicine

Special problems in Wilderness Medical Care; Medical assessment; Bleeding and wound care ; orthopedic, head & spine injuries; critical medical supplies; litters; transport across water ; hypothermia; lightning injuries; and head trauma. Students will receive a Critical Care Medical Kit. Certification in Wilderness First Aid. 8 hours CAPCE continuing education credits per day.

Equipment needs: Hiking pack & your 10 essential items, 8 X 10 tarp, 50 ft. Parachute cord, bombproof Firestarter, water bottle. Class outside- rain or shine- dress for the weather.

COST \$325/STUDENT

3. Personal Protective Equipment & Self-Contained Breathing Apparatus

NH Fire Training

STUDENT MUST BE FACIAL HAIR COMPLIANT

After completion of this module, students will be able to describe the Personal Protective Equipment (PPE) that is used by firefighters, explain the importance of PPE, describe how PPE is properly maintained, identify the hazards of smoke and other toxic environments, and explain why respiratory protection is an essential need of fire service personnel. Students will be able to describe the different types of self-contained breathing apparatus (SCBA), identify its limitations, explain the procedures for maintenance, inspections, refilling, and donning. Students will practice the skills of donning, doffing, performing inspections and maintenance, and operating in a SCBA. This course includes both classroom and practical skill activities. After the program, the students will participate in SCBA confidence building drills. This course does not completely satisfy the requirements of NFPA 1001 for Firefighter I job performance requirements.

Pre-requisites: None

Equipment needs: PPE SCBA & 1 SPARE CYLINDER

4. Introduction to Pumps, Basic Pumps

Green Mountain Catamount Fire Training

This course is an introduction to pumps and pump operations. Building on basic pump theory the course will introduce firefighters to basic pump operation and maintenance. Priming & drafting will be explored in depth using both classroom theory and practical application. Pump problem troubleshooting and preventive maintenance will be covered. Practical sessions will include work with both portable and main fire pumps.

Pre-requisite: Basic Pumping Knowledge

Equipment needs: PPE

5. Modern Fire Behavior – Flashover (STUDENT MUST BE FACIAL HAIR COMPLIANT) VT Fire Academy

Today's firefighters must understand the complexities involved in the science of fire and fire dynamics. This updated course uses evidence-based information, derived from modern fire research, to highlight key educational areas. It will provide you the tools necessary to understand modern fire propagation, fuel packages, and ventilation and how they relate to firefighter safety and tactical deployment on today's Fireground. The course begins with a classroom presentation and concludes with a live fire exercise where you observe fire development from ignition to flashover. The culminating live fire exercise will "flip the classroom", where the student will be able to recognize the warning signs of flashover from inside a live fire environment. Prerequisites: All Students must meet the prerequisites for live fire training as outlined in NFPA 1403

MAIL FLASHOVER APPLICATION TO TSFMA COMMITTEE

Pre-requisite: FF1 or Chief's sign off

Equipment needs: PPE; SCBA; Spare cylinder

6. Introduction to Training Officer**Vigilant Fire Service Training, LLC**

The Introduction to Training Officer Course is an introductory level course intended to help firefighters gain confidence in delivering department based in-service training and drilling. The course introduces the concepts of adult learning according to NFPA 1041 and relates those concepts to typical fire service applications. The course teaches firefighters how to prepare, present, apply, evaluate, and summarize training presentations. This is accomplished through a variety of presentations, class activities and student presentations. The course is presented over a two-day period using eight individual units. Each unit covers the knowledge and skill ability specified in NFPA 1041.

7. Farm Rescue**Green Mountain Catamount Fire Training**

This course will orient students to the activities and hazards found on today's farms and the injuries, illnesses and rescue extrication techniques associated with them. Students will visit a farm to identify conditions, scenarios, livestock and machinery they may experience during an actual call. Hands-on practice may include disentanglement from farm machinery, tractor run-over, hazardous materials or high angle rescue situations. The course uses lecture/discussion, video/slides and farm tour/practical situations.

Equipment needs: Full protective gear will be required – no SCBA.

8. Basic Auto Extrication**Green Mountain Catamount Fire Training**

This course deals with the basic construction of cars, vans and pick-up trucks and how to safely take them apart using hand tools and small power tools – not hydraulics. Airbags, seat belt pre-tensioners, hardened steels and other aspects of modern vehicles are discussed along with a basic discussion of hybrid vehicles. Field work will consist of proper stabilization, window, door and roof removal techniques, and seat, steering wheel and dash displacements. The majority of vehicles will be on their wheels for this class.

Equipment Needs: PPE with Eye Protection

9. Prehospital Trauma Life Support (PHTLS)**Northeast Emergency Training Solutions**

NAEMT's Prehospital Trauma Life Support (PHTLS) is recognized around the world as the leading continuing education program for prehospital emergency trauma care. The mission of PHTLS is *to promote excellence in trauma patient management by all providers involved in the delivery of prehospital care*. The course utilizes the internationally recognized PHTLS textbook and covers the following topics:

Physiology of life and death; Scene assessment ; Patient assessment ; Airway ;Breathing, ventilation and oxygenation; Circulation, hemorrhage and shock; Patients with disabilities; Patient simulations

PHTLS is appropriate for EMTs, paramedics, nurses, physician assistants, physicians, and other prehospital providers. PHTLS is accredited by CAPCE and recognized by NREMT.

Students will receive 16 hours of CAPCE – accredited through NAEMT.

COST / STUDENT \$325.**ONE DAY COURSE SATURDAY (May 6th)****10. Water Rescue Awareness****Capt. Mark Taylor, Life Saving Resources**

The Water Rescue Awareness course is a classroom training prepared by Life Saving Resources. The course covers information & training required under NFPA 1670 & NFPA 1006 for standards & training for technical rescue. It will focus on Prevention, recognition, & management of submersion & aquatic injury incidents. The class will give the student an understanding of the threat assessments in their own communities; the operational capability of their Departments; will help the student plan & train for water incidents & what is required to safely & effectively respond to & manage incidents in & around the water. A certificate of completion will be provided and is effective for 5 years from the date of the course. Eight (8) hours of continuing education will be awarded. Basic equipment needed for water rescue will be available to students for hands on experience.

Cost: \$ 100

ONE DAY COURSE SATURDAY (May 6th)

11. 4 Gas Meter Training & HazMat Refresher/Awareness & Operation

VT HAZ MAT TEAM

4 Gas Meter: Class will describe the two types of 4 gas meters; discuss vapor density and why it is important. List the 4 types of gases detected by the meter, identify the dangerous levels of the 4 gases. Describe the health effects of the gases. Explain the meaning of lower explosive level (LEL) and identify the "turn back numbers" for the LEL inside and outside. Discuss the action levels for the 4 gases and the difference between a bump test, calibration and zeroing.

Hazmat Refresher for Awareness / operation This course provides the student with the basic skills necessary to safely and effectively manage the on-scene operations involving the uncontrolled release of dangerous chemicals. It focuses on those individuals in local jurisdictions who respond to releases or potential releases of hazardous substances as part of the initial response to the site for the purpose of protecting nearby persons, property, or the environment from the effects of the release. They are trained to respond in a defensive fashion to contain the release from a safe distance, keeping it from spreading, and preventing exposures.

COST: \$100

12. Stop the Bleed and CPR

Deputy Chief Mariah Whitcomb- Flashpoint Consulting

Today we live in a world where emergencies involving traumatic injuries are becoming more frequent. Massive bleeding from any cause, but particularly from an event such as a mass shooting, explosive event, or other mass casualty where a sufficient EMS response may be delayed, can result in more deaths. Similarly to how we train all responders in CPR, we must also focus on proper bleeding control techniques, including how to use appropriate tools to manage these injuries. Victims can quickly die from uncontrolled bleeding within 5-10 minutes after a significant injury.

This session will provide all participants with BLS for Healthcare providers CPR certification as well as an expanded Stop the Bleed course. This session has a focus on hand-on skills with multiple opportunities to practice. Participants should be prepared to be active in this session and be able to complete skill stations that are on the floor. "

COST: \$ 125

13. Basic Rope Rescue Class

Littleton Fire and Rescue

Basic Rope Rescue class is an intense hands-on, 8 hr. Program featuring a combination of classroom and practical evolutions combined with real life scenarios. This course is designed to develop basic skills and knowledge while introducing the student to those skills expected and required of the rope rescue technician.

Topics include rope rescue fundamentals; personal protective equipment; equipment selection, inspection, and maintenance ; patient packaging ; belaying, raising, and lowering systems ; litter rigging and tending ; load distribution and load sharing anchor system; , and simple mechanical advantage systems.

COST: \$ 100.

14. Mental Health First Aid for Public Safety

Susan Allen-Samuel NAMI NH

- A discussion of responder culture
- Outreach tactics to assist in a crisis
- Discussing risk factors faced by responders and their families
- A review of common mental health resources

WHO SHOULD ATTEND?

- FIREFIGHTERS -EMS PERSONNEL -LAW ENFORCEMENT -OTHER RESPONDERS
- FAMILY MEMBER OF RESPONDERS

"MENTAL HEALTH FIRST AID FOR FIRE/EMS TEACHES YOU HOW TO IDENTIFY, UNDERSTAND AND RESPOND TO SIGNS OF MENTAL ILLNESSES AND SUBSTANCE USE DISORDERS."

The class, materials, & lunch are funded by a SAMHSA Grant. (Substance Abuse and Mental Health Services Administration). The Grant is a joint effort between NAMI NH, NH State Police, and the NH Fire Academy and EMS.

Class is FREE

Limited to 30 Students.

ONE DAY CLASSES SUNDAY (May 7th)

15. Firefighter Rehab

Green Mountain Catamount Fire Training

Exposure to heat, cold, dehydration & the physical rigors of firefighting operations have significant negative impact on the health, safety and effectiveness of firefighters & other emergency responders.

This course prepares responders to recognize & identify the signs and symptoms related to the toll on firefighters from the various physical and environmental aspects of emergency operations. The course covers the setting up and Operations of rehab operations.

Participants should be prepared to participate in rehab activities as part of this course.

COST: \$ 100

16. Street Smart Fire Command

Chief Allan Clark, Sugar Hill, NH

This course focuses on the practical aspects of managing typical Fire Department incidents found in northern New England. This not a FEMA, ICS, or NIMS course, but the principles utilized are in conformance with ICS and NIMS. The course creates a system to effectively manage the scene of various incidents ranging in complexity from a dumpster fire, motor vehicle accident, ice rescue, house fire, to a multi-agency hazardous material incident. Emphasis is placed on incidents typical to rural settings based on practicality and not theory. Topics to be discussed will include fire ground management, communications, and accountability, missing firefighter procedure, rapid intervention teams and rehabilitation. The course is fast paced and will cover these topics utilizing local as well as other fires to illustrate and demonstrate the system. Students will have the opportunity to manage several incidents and will be better prepared to manage an incident utilizing practical skills.

Prerequisite: Chief Officers or FF with 5 years of experience

Equipment needs: None

COST: \$100

17. Rapid Intervention Teams RIT)

New England Fire Training

This course is based on our belief in the crawl, walk, run training philosophy. Upon course completion, participants will have the basic knowledge and skills necessary to work in the RIT, to locate, package and extricate a downed firefighter. Practical evolutions will start by covering basic skills, intended to build muscle memory through multiple repetitions. Evolutions will increase in difficulty, building on previous skills culminating in scenarios intended to challenge participants as they work to locate, package and extricate the down Firefighter.

Prerequisite: PPE and SCBA Certification

Cost: \$125

Equipment needs: PPE, SCBA and spare cylinder, Knee pads, Dry Clothing, Water Bottle, (RIT Pack and Thermal Imaging Camera if Available)

PRE-REGISTRATION **DEADLINE April 7th, 2023**

Directions: Blue Mountain Union School, Route 302, (Exit 17 - Interstate 91) Wells River, Vermont

Registration opens at 7:00 am both days – Assembly 8:15 am both days

REGISTRATION DUE BY April 7, 2023.

Student walk-ins will have to accept any openings available.
Indicate priority choices by Class Name on the application form.

Classes not meeting the minimum number of students April 7, 2023 will be cancelled.

FLASHOVER : SUBMIT APPLICATION TO TSFMA COMMITTEE

FEES: Pre-registration is \$100.00 per day per person for all courses unless otherwise noted.

Make checks payable to T.S.M.A.F.A.,
Send payments with applications and signed waiver form to:
Capt. Henry Knott, Box 41, Groton, VT. 05046
Telephone (802)-584-3243
Email: twinstatfireschool@gmail.com

MEALS: Lunch is included in admission price. Coffee & light snacks will be available daily.

CERTIFICATES: Each person attending a course full time will receive a certificate of attendance.

Twin State Mutual Aid Fire Association will provide emergency communications.

PLEASE silence your radios and pagers in the classroom.

Provisions have been made to alert anyone required to respond to an emergency.

REQUIREMENTS FOR PPE AND SCBA:

PPE: Check course description for the note **PPE** which means that full protective clothing must be worn in that course. This includes bunker coat, pants, hood, helmet, boots, and gloves.

SCBA: If marked next to course description means positive pressure SCBA and **1 spare cylinder**

(PASS): Pass device required.

Bottles need to have an up-to-date Hydrotest.

SCBA needs to be NFPA compliant and in GOOD WORKING ORDER.

THESE ARE A REQUIREMENT.

All SCBA users must meet the NH & VT SCBA Mask fit policy.

T.S.M.A.F.A. FIRE SCHOOL APPLICATION

PRINT ALL INFORMATION. COMPLETE & RETURN ONE FORM PER STUDENT

DEADLINE FOR APPLICATIONS IS APRIL 7, 2023

Name _____ DEPT. _____

Address _____ City _____ State _____ ZIP _____

Home Phone _____ Date of Birth _____

E-Mail Address (PRINT CLEARLY) _____

COST: \$325 PHTLS \$325- WILDNSS FIRST AID \$125- STOP THE BLEED/CPR \$125- RIT \$200- 2 DAY CLASSES \$100- 1 DAY CLASSES	FIRST CHOICE	SECOND CHOICE	THIRD CHOICE
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Whereas: I have been invited to attend, observe, or participate in a firefighting training exercise, sponsored and administered by the Twin State Mutual Aid Fire Association, in concert with various private and public organizations, persons and cooperation's; AND WHEREAS: Such exercises often present hazards to the life and property of participants, observers or attendees: NOW THEREFORE: In consideration of being afforded the opportunity to observe, attend, or participate in such firefighting training:

1. I acknowledge the inherent dangers of such training and assume the risk to my person and property, both personal and that of others under my control and supervision.
2. I agree to hold harmless and waive all claims arising from my participation, observation or attendance of said training for damages to myself, my property or property of others under my control and supervision arising out of the action or inaction, through any negligence or otherwise other than deliberate and intentional tortuous action by the Twin State Mutual Aid Fire Association, its agents and employees in both their official and personal capacities.
3. Further, this Waiver of Liability and agreement to hold harmless extends to all claims that might devolve to the benefit of my heirs, assignees, Administrators or executors, including but not limited to, all claims arising from my wrongful death or injury.
4. Further, the protection of the Waiver of Liability and agreement to hold harmless extends to all cooperating organizations, corporations and individuals, their agents and employees, in both official and personal capacities, who are assisting the Twin State Mutual Aid Fire Association in the presentation and conduct of this training.

Applicant signature: _____

Chief's signature: _____

PARENT/GUARDIAN SIGNATURE (16-18 YEAR OLDS) _____

MAKE CHECK PAYABLE TO: T.S.M.A.F.A. EMAIL: twinstatefireschool@gmail.com

MAIL TO: Capt. Henry Knott Box 41 GROTON, VT 05046-0041

The Chief's signature below verifies that the department agrees to be billed for this applicant by TSFMA for this course.

Chief's Signature: _____

No application will be accepted that is NOT SIGNED by the Chief in TWO SPOTS.

INVOICE
T.S.M.A.F.A. FIRE SCHOOL

May 6-7, 2023 Blue Mountain Union School, Wells River, VT

LAST NAME	FIRST NAME	COURSE	SAT	SUN	FEE
		TOTAL			

CHIEF: COMPLETE AND SUBMIT AS YOUR INVOICE. RETURN A COPY WITH YOUR APPLICATION

The Chief's signature below verifies that the department agrees to be billed for this applicant by TSFMA for this course.

CHIEF'S SIGNATURE

MAIL PAYMENT TO: T.S.M.A.F.A. C/O CAPT. HENRY KNOTT Box 41 Groton, Vermont 05046



Division of Fire Safety
VERMONT FIRE ACADEMY
93 Davison Drive
Pittsford, VT 05763
802-483-2755 / 800-615-3473
FAX: 802-483-2464
www.firesafety.vermont.gov



MODERN FIRE BEHAVIOR & FLASHOVER RECOGNITION ADMISSION APPLICATION

Application and proof of eligibility must be received by the VFA at least 14 days prior to the course date.

Personal Information			
First Name:		Middle Initial:	Last Name:
Mailing Address:			
City:		State:	Zip Code:
Home Phone:		Work Phone:	Other Phone:
E-Mail:		Applications can be emailed to: DPS.VFAApplications@vermont.gov	
Date of Birth:		<i>Minimum age for practical is 18.</i> <input type="checkbox"/> Male <input type="checkbox"/> Female	
Student ID Number:		The Student ID consists of your initials and the last 4 digits of your social security number. (ABC-1234)	
Agency Information			
Department/Agency Name:			
Rank/Position:		<input type="checkbox"/> Permanent <input type="checkbox"/> Call <input type="checkbox"/> Volunteer	
Agency Mailing Address:			
City:		State:	Zip Code:
Agency Phone:			
Program Information			
Program Start Date:		Location:	
Indicate which portion(s) of the course you want to attend: <input type="checkbox"/> Classroom Only <input type="checkbox"/> Full Course			
I certify that the information recorded on this application is correct. I agree to abide by the rules, policies, and regulations of the Vermont Fire Academy if I am admitted as a student. Falsification of information may result in denial of a course certificate. I hereby authorize release of any and all information concerning my enrollment in this course to the chief officer in charge or designee of my organization. All requests for information shall be in writing from said chief or designee.			
Applicant Signature:			Date:
<u>THIS SECTION IS REQUIRED FOR ALL FULL COURSE PARTICIPANTS</u> <u>STUDENT PREREQUISITE SKILL COMPLIANCE TO NFPA 1403 STANDARD ON LIVE FIRE TRAINING</u>			
The firefighter applicant has the following skill-based training as required by NFPA 1403: <input type="checkbox"/> VT Essentials of Firefighting Units 1, 2, & 3, or <input type="checkbox"/> VT Essentials of Firefighting Sections A, B, & C, or <input type="checkbox"/> Firefighter I Certification Date Achieved: <input type="checkbox"/> This firefighter has received training and performance evaluation in accordance with NFPA 1001 Standard for Fire Fighter Professional Qualifications. I certify that his/her job skills are compliant with the prerequisites defined in NFPA 1403.			
The firefighter applicant will comply with the Vt. Fire Service Training Council's Respiratory Protection Policy with respect to absence of facial hair beneath the facepiece seal. I certify that the listed applicant is a member of our fire department/agency, is at least 18 years of age, has the above indicated prerequisite training, and is covered by Worker's Compensation Insurance. Non-affiliated students shall provide proof of insurance.			
Authorized Signature (Chief or Authorized Fiscal Agent):			Date:
- OFFICE USE ONLY -			
Date Received:	Approved:	Denied:	Entered: